

L 43605-65

ACCESSION NR: AP5003984

ASSOCIATION: Katedra Teorii Regulacji Politechniki Śląskiej (Department of  
Regulation Theory, Silesian Polytechnic Institute)

SUBMITTED: 00

ENCL: 00

SUB CODE: 1E

NO RFP SQV: 002

OTHER: 004

Card 3/3 PMS

ACCESSION NR. AT4040997

P/2536/64/000/005/0049/0075

AUTHOR: Palusinski, Olgierd

TITLE: Application of dynamic programming methods for computing optimum control of electrical systems

SOURCE: Gliwice. Politechnika Slaska. Zeszyty naukowe, no. 102, 1964. Automatyka, no. 5, 49-75

TOPIC TAGS: dynamic programming, linear programming, operations research, state vector, electric circuit control, control theory, computer

ABSTRACT: The article gives the basic principles for utilization of dynamic programming for computing the optimum control of discrete and determinate systems. The task of finding an extremal point in an n-dimensional space or solution of differential equations is replaced by finding the n-points of a two-dimensional space. Setting functional restrictions does not complicate the computation, but very often facilitates computation inasmuch as it reduces the number of possible strategies. Nonlinear systems can be computed rather easily with this method. The computations make it possible to obtain the optimum strategy for transferring the system from any arbitrary initial conditions to the terminal

Card 1/2

ACCESSION NR: AT4040997

state. Computers can be used for such calculations. The proposed method was used for calculating the optimum control of two sample electrical circuits by way of an example. The optimum control of charge for an RC circuit, in which the condenser is charged from a rectifier with feed source, was calculated. The author also calculated the optimum form of excitation voltage and the linear velocity of a d.c. generator, with yields a minimum start-up time under restricted power drive conditions. Orig. art. has: 10 figures, 4 tables, 26 equations.

ASSOCIATION: Facultad Teorii Regulare (Department of Control Theory)

SUBMITTED: 16Dec63

SUB CODE: DP, IE

NO REF SCV: 000

ENCL: 00

OTHER: 004

Card 2/2

ACCESSION NR: AT4040996

P/2536/64/000/005/0031/0047

AUTHOR: Palusinski, Olgierd

TITLE: Predicate calculus applied to the synthesis of logic circuits

SOURCE: Gliwice. Politechnika Slaska. Zeszyty naukowe, no. 102, 1964.  
Automatyka, no. 5, 31-47

TOPIC TAGS: predicate calculus, computer, counter, binary counter, binary  
counter element, Boolean algebra, logic circuit, binary algebra, terminal  
automatic device, restricted predicate calculus

ABSTRACT: The article presents the feasibility of utilizing restricted predicate  
calculus for computing logic circuits which contain memory elements. The  
synthesis of logic circuits containing memory elements by means of predicate  
calculus is the main topic of the article. The synthesizing process can be  
divided into three stages: (1) describing the circuit properties in some  
mathematical language; (2) converting this language into canonical equations;  
and (3) design of the logic circuit on the basis of the canonical equation. Only  
the first two stages are discussed by the author. The proposed method can be  
easily expanded to all circuits which act as terminal automatic devices. An

Card 1/2

L 32771-66 EWP(k)/EWP(h)/EWP(l)/EWP(w) LJP(c) 09/BB/PC  
ACC NR: AT6014888 SOURCE CODE: P072536/65/000/006/0145/0158

AUTHOR: Palusinski, Olgierd 1-2

ORG: Department of Automatic Control Theory (Katedra Teorii Regulacji) 1-1

TITLE: Analog computer of the Department of Automatic Control Theory 1-4

SOURCE: Gliwice. Politechnika Slaska. Zeszyty naukowe, no. 132, 1965. Automatyka,  
no. 6, 145-158

TOPIC TAGS: analog computer, analog computer system, nonlinear automatic control  
system, automatic control theory, dynamic system, analog computer design

ABSTRACT: This paper describes a medium-sized analog computer designed at the  
Silesian Polytechnic Institute for dynamic analysis of complex industrial-control  
systems. The computer contains 32 operational amplifiers without automatic null-  
point stabilization. It also contains elements for the simulation of common non-  
linearities (saturation, backlash, relay) and elements for the simulation of sampled  
data controllers. The transients can be observed on a long-luminosity cathode-  
ray oscilloscope and recorded with an automatic pen. Orig. art. has: 13 figures.  
[Based on author's abstract.] [AM]

SUB CODE: 09/ SUBM DATE: 25Apr64/

Card 1/1 JS

POLAND

PALUSINSKI, Wlazl

Department of Regulation Theory, Silesian Polytechnic (katedra  
Teorii Regulacji, Politechniki Slaskiej), Gliwice

Warsaw, Archiwum automatyki i telemechaniki, No 2, April-June 1965,  
pp 189-198

"Notes on the determination of the stability conditions of multi-  
variable control systems."

PALUSKA, A.

A drop flowmeter. Vodni Hosp 13 no.5:197-198 '63.

1. Katedra hydrologie KU.

PALUSKA, Antonin

Calculation ruler for determining the average density of earth  
particles in suspensions. Geol pruzkum 5 no.4:120-121 Ap '63.

KORINEK, J.; PALUSKA, Ed.

Electrophoretic fractionation technic of isolation of human antigen groups and possibility of its application for the comparison of antigenic relationship of proteins by agar gel precipitation method. Cesk. epidem. mikrob. imun. 7 no.5:289-297 Sept 58.

1. Ustav hematologie a krevni transfuse, Praha.  
(ANTIGENS,

electrophoretic fractionation in comparison of pure fractions in human serum (Cz))

KORINEK, Jaroslav; PALUSKA, Eduard

Use of preparative agar-phoresis in the preparation of one-zone antisera. Preparation of albumin and gamma-globulin rabbit antisera in laboratory conditions. Cesk.epidem.mikrob.imun. 9 no.3:  
178-184 Ap '60.

1. Ustav hematologie a krevni transfuze v Praze.  
(IMMUNE SERUMS)

PALUSKA, Ed.; KORINEK, J.

Studies on the antigenic relationship between human and certain primate proteins by means of immuno-biological methods. II. Immuno-electrophoretic analysis of sera of certain primate with the use of homologous and heterologous antisera supplemented by saturation experiments. Cesk. epidem. mikrob. imun. 9 no.4:262-271 Je '60.

1. Ustav hematologie a krevni transfuze v Praze.

(BLOOD PROTEINS)

(PRIMATES blood)

(IMMUNE SERUMS)

PALUSKA, Ed.; KORINEK, J.

Studies on the antigenic relationship between blood proteins from man and from certain primates by means of new immunobiological methods. I. Qualitative analysis of findings obtained from double agar gel diffusion. Cesk.epidem.mikrob.imun. 9 no. 3:185-195 Ap '60.

1. Ustav hematologie a krevni transfuze v Praze.  
(BLOOD PROTEINS)  
(PRIMATES)

SMETANA, R.; PALUSKA, E.

Immunoelectrophoretic examination of blood proteins in relation to liver proteins in rats. Acta univ. carol. [med.] Suppl. 14:111-116 '61.

1. Ustredni laboratoire F.N.I., Praha, prednosta dr. J. Hrabane Ustav hematologie a krevni transfuse v Praze, prednosta prof. dr. J. Horjsi.  
(ELECTROPHORESIS) (BLOOD PROTEINS chem)  
(LIVER chem) (PROTEINS chem)

KORINEK, J.; PALUSKA, E.

Immunochemical studies of rivanol-soluble serum proteins. Folia biol.  
7 no.3:185-192 '61.

1. Institute of Haematology and Blood Transfusions, Prague.  
(BLOOD PROTEINS chem.)

SYROVY, I.; KOCH, J.; PALUSKA, E.

Fractionation of albuminous substances of a modified beef serum  
on the DEAE cellulose. Coll Cs Chem 27 no.11:2681-2685 N  
'62.

1. Institut fur Hematologie und Bluttransfusion, Prag (for Koch  
and Paluska). 2. Institut fur Physiologie, Tschechoslowakische  
Akademie der Wissenschaften (for Syrový).

SYROVÝ, I; KOČÍ, J; PALUSKA, E.

2

Czechoslovakia

Institute for Hematology and Blood Transfusion --  
Prague - (for all: Syrový now at Institute for  
Physiology, Czechoslovak Academy of Sciences --  
Prague)

Prague, Collection of Czechoslovak Chemical Communica-  
tions, No 11, 1962, pp 2681-2684

"Fractionation of the Protein Material of Modified  
Beef Serum on Deae-cellulose."

PALUSKA, E.; ZMESKALOVA, D.; JOZOVA, O.; LIVORA, J.

Immunologic response to the administration of Czechoslovak modified beef serum to man. Cas. lek. cesk. 104 no.15:412-415  
16 AP'65.

1. Ustav hematologie a krevni transfuze v Praze (reditel: prof.  
dr. J. Horejsi, DrSc.).

TIMOFEEV, V. N.; SHKLYAR, F. R.; PALTUSOVA, K. I.

Effect of the height of dividing walls on the aerodynamics  
of blast furnace air preheaters. Sbor. nauch. trud. VNIIMT  
no.8:348-359 '62. (MIRA 16:1)

(Blast furnaces—Design and construction)  
(Air preheaters—Aerodynamics)

KOLAKOWSKA-SUMINSKA, H.; PALUSINSKI, S.

On sarcoma of the large intestine in a child. Pediat. pol. 36  
no.7:759-764 '61.

l. Z Kliniki Chirurgii Dziecięcej AM w Łodzi Kierownik: prof. dr  
med. A. Maciejewski i z II Kliniki Chorob Dzieci AM w Łodzi  
Kierownik: prof. dr med. F. Redlich.  
(SARCOMA in inf & child) (INTESTINE LARGE neopl)

ROZYNKOWA, Danuta; PALUSZAK, Janusz; HORST, Antoni

Studies on fat transport in the dog. I. Communication. Acta medica polona 3 no.3:281-287 '62.

1. Department of General and Experimental Pathology, Medical Academy, Poznan Director: Prof. Dr. A. Horst.  
(LIPID METABOLISM)

PATELSKI, Jerzy; ROZYNKOWA, Danuta; PALUSZAK, Janusz

Lipolytic activity of rat aorta in relation to lipid concentrations and degree of saturation of the fatty acids in blood. Acta med. pol. 3 no.4:417-427 '62.

1. Department of Physiological Chemistry, Medical Academy, Poznan.  
Director: Prof. Dr Med. and Phil. Z. Stolzmann Department of General  
and Experimental Pathology, Medical Academy, Poznan. Director: Prof.  
Dr A. Horst.

(AORTA) (BLOOD LIPIDS) (CHOLESTEROL)  
(BILE ACIDS AND SALTS)

ROZYNKOWA, Danuta; PALUSZAK, Janusz; PATELSKI, Jerzy; KOZIOLOWNA, Wieslawa

The influence of lipid content and degree of saturation of fatty acids  
in the diet and of cholesterol and cholic acid on the serum lipids in  
rats. Acta med. pol. 3 no.4:429-439 '62.

1. Department of General and Experimental Pathology, Medical Academy,  
Poznan Director: Prof. Dr A. Horst Department of Physiological Chemistry,  
Medical Academy, Poznan Director: Prof. Dr Med. and Phil. Z. Stolzmann.  
(BLOOD LIPIDS) (CHOLESTEROL) (BILE ACIDS AND SALTS)  
(FATTY ACIDS) (LIPIDS) (DIET)

ROZYNKOWA, Danuta; PALUSZAK, Janusz; HORST, Antoni

Studies on fat transport in the dog. II. Communication. Acta med.  
pol. 4 no.1:55-63 '63.

1. Department of General and Experimental Pathology, Medical Academy,  
Poznan Director: Prof. Dr A. Horst.  
(LIPID METABOLISM) (BLOOD LIPIDS) (FATS)

PALUSZKIEWICZ, Bronislawa, mgr; TRYBULA, Eugeniusz, mgr inz.

Properties of lubricating oils for two-stroke engines with spark ignition. Nafta Pol 18 no.11:302-307 N '62.

1. Centralne Laboratorium Produktow Naftowych, Warszawa.

LIPSON, David, mgr inz.; PALUSZKIEWICZ, Bronislawa, mgr; SZWARSKA,  
Helena, mgr inz.

Used engine oils and their recovery. Nafta Pol 19 no.5:  
117-121 My '63.

1. Centralne Laboratorium Technologii Nafty, Warszawa.

PATUSZKIEWICZ, D.

We build a great industry and mechanize agriculture. p. 16. (PLON, Vol. 4,  
No. 7, 1953.

SO: Monthly List of East European Accessions, L.C., Vol, 3, No. 4, April, 1954.

PALUSZKIEWICZ, D.

"After three years of collective farming." p. 16  
(Plon, Vol 4 No 1 Jan 53 Warszawa)

SO: Monthly List of East European Accessions, Vol 2 No 9 Library of Congress Sept 53 Unclassified

PALUSZKIEWICZ, D.

How the peasants work in Osusz. p. 7. (PLON. Vol. 4, no. 11, Nov. 1953)

SO: Monthly List of East European Accessions, L.C., Vol. 3, No. 4, April, 1954

PALUSZYNISKI, Janusz

Mycosis of the feet. Wiad. lek. 19 no.12:1171-1176 15-11-1976.

1. Z Zakladu Mykologii Lek. AM i Oddz. Dermat. Szpitala im.  
J. Strusia w Poznaniu (Kierownik: prof. dr. J. Alikiewicz).

PALUT, D.; ECKSTEIN, Z.

Biological activity of some coupling products of p-(chloromethyl-sulfone)-benzenediazonium chloride with nitroparaffins. Bul chim PAN 12 no. 1:41-45 '64.

1. Department of Disinfection and Vector Control, State Institute of Hygiene, Warsaw, and Department II of Organic Technology, Technical University, Warsaw. Presented by T. Urbanski.

JAMPOLER, I.; PALUT, D.

Search for elements differentiating houseflies (*Musca domestica L.*)  
in those sensitive and those resistant to DDT. Roczn panst zakl  
hig 15 no.2:223-232 '64.

1. Laboratory of Disinfection, Disinfestation and Deratization,  
State Institute of Hygiene, Warsaw. Head: [prof. dr] A.Bojanowska.

SOV/44 - 58 - 4 - 3205

Translation from: Referativnyy Zhurnal, Matematika, 1958, Nr 4,  
p 122 (USSR)

AUTHOR: Paluver, N. V.

TITLE: Determination of a System of Coordinate Axes in Space  
by Its Central Projection (Opredeleniye sistemy koordinat-  
nykh osey v prostranstve po yeye tsentral'noy proyektsii)

PERIODICAL: Tr. Tallinsk. politekhn. in-ta, 1957, A, Nr 100, 15 pp

ABSTRACT: O Ya. Ryunk (RZMat. 1957 807 D) determines the center of projection and the location of the coordinate axes with respect to the projection plane in the case when the central projection of a scale tetrahedron of an orthogonal equally scaled system of coordinates and the flight point of one of the coordinate axes are given. For this he uses a system of equations, the possibility of an algebraic solution for which he does not examine. The author of the present article reduces this system of equations

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SOV/44 - 58 - 4 - 3205

to a form suitable for practical computations. The simplifications are achieved 1) at the expense of the selection of a system of reference (this is different from the Ryunk system of reference), 2) at the expense of the use of an equation of the surface on which lies the center of projection and 3) at the expense of the reduction of a system of three equations to one equation not higher than the 8th degree. The problem of the maximum possible number of real solutions remains unsolved.

V. N. Zhuravleva

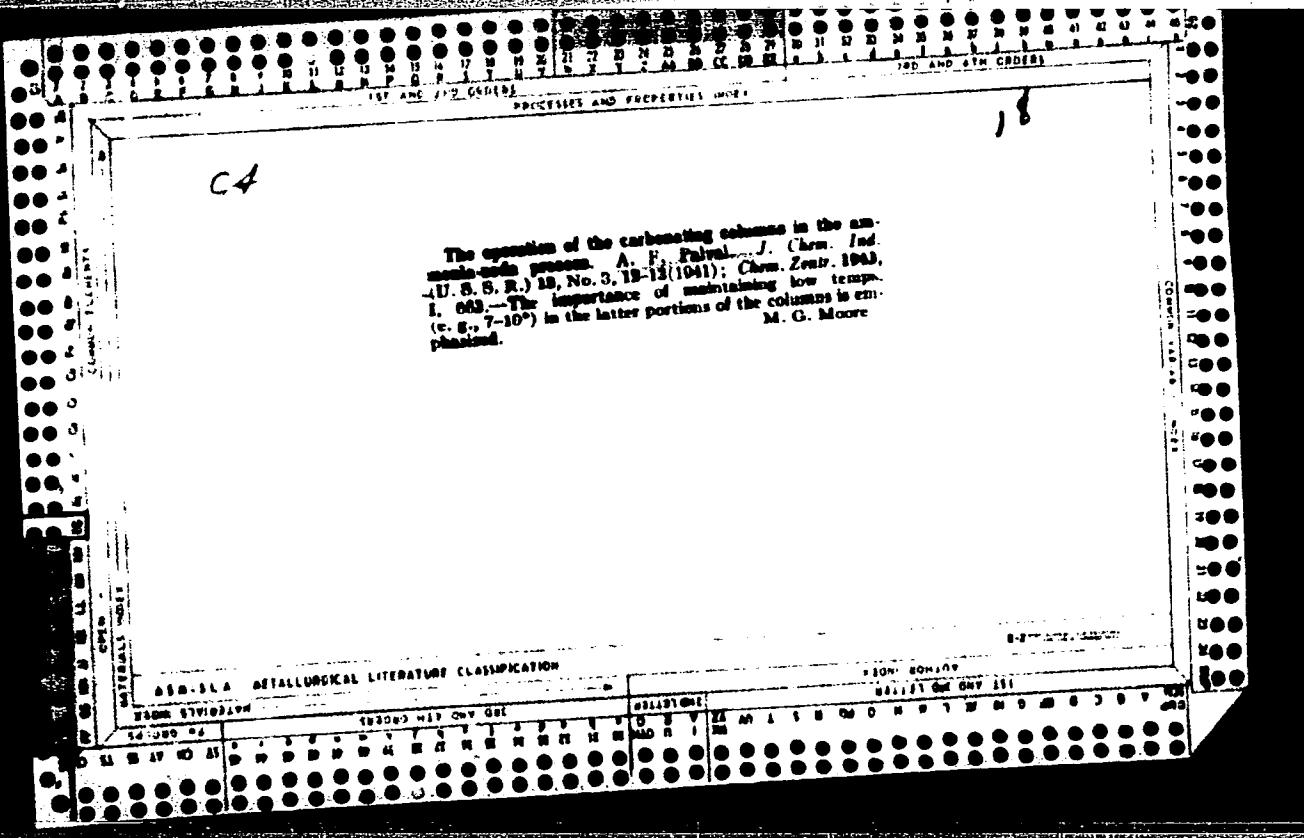
Card 2/2

PALUVER, N. V., Cand of Tech Sci — (diss) "Investigation of Certain Basic Problems  
of Central Axonometry," Tallin, 1959, 10 pp (Tallin Polytechnical Institute)  
(KL, 4-60, 120)

BEN'YAMINOVICH, I.M.; PALUYEV, L.V., inzh.

New methods for constructing cooling towers. Prom. stroi. 38 no.5:  
18-21 '60. {MIRA 14:5}

1. Glavnyy inzh. tresta Tagilstroy (for Ben'yaminovich).  
(Cooling towers)



PATVANIYAZOV, M.

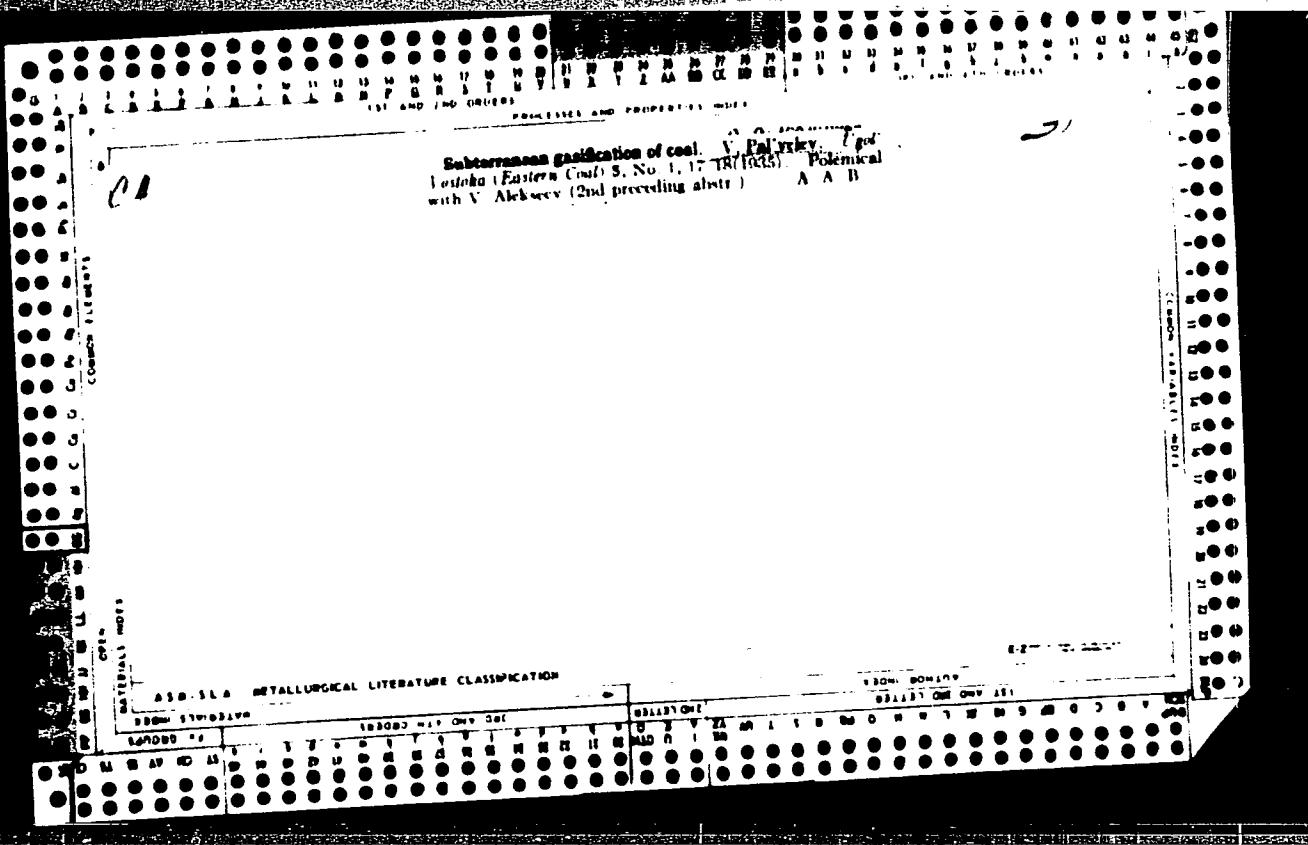
Ecology and economic significance of jackal in the Kara-Kalpak  
A.S.S.R. Uzb. biol. zhur. 9 no.4:53-56 '65.

(MIRA 18:10)

1. Institut zoologii i parazitologii AN UzSSR.

"APPROVED FOR RELEASE: 06/15/2000

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APPROVED FOR RELEASE: 06/15/2000

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21

ca

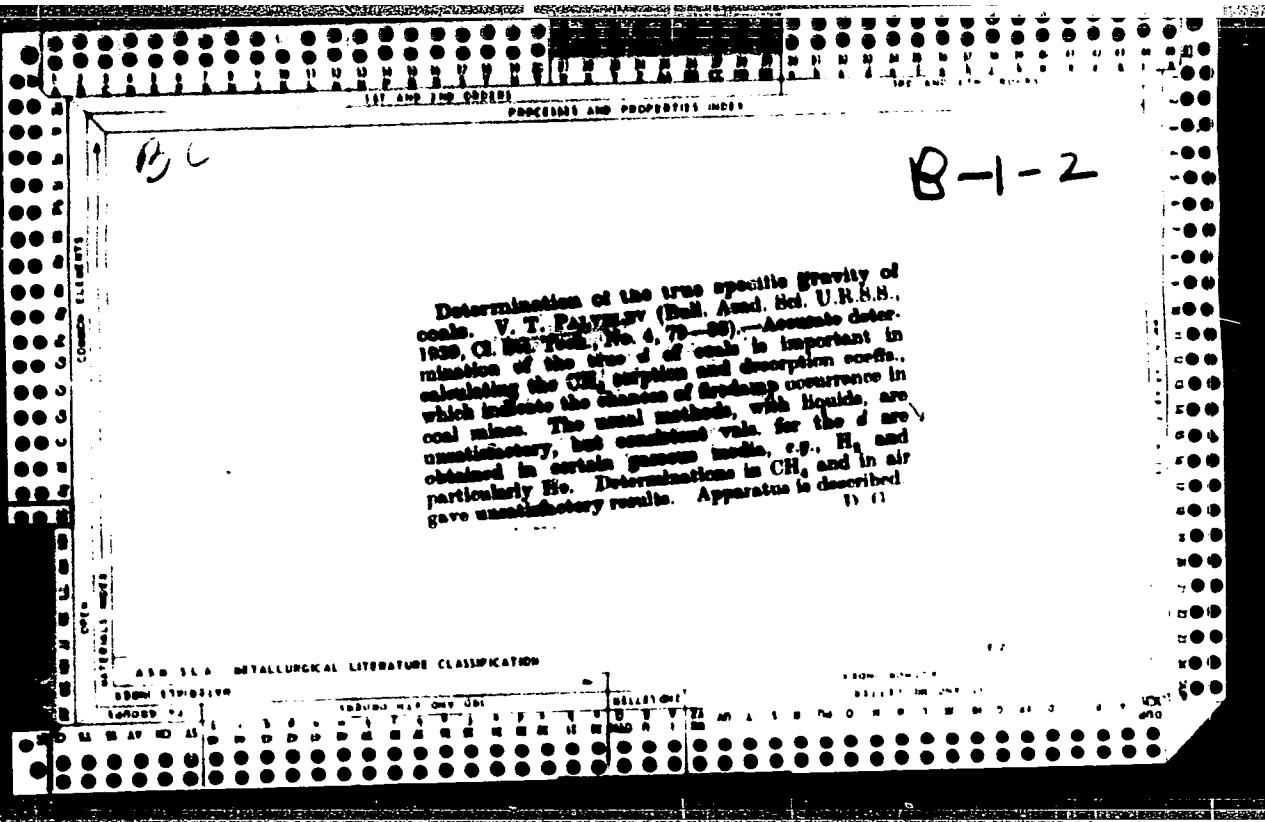
A colorimetric method for determination of humic acids  
V. T. Palmeiro, A. Jim. Tverdugo, Toplita, 6, 770-  
1983. A modification of the Sven Odens method (C. A.  
10, 3137). The standard soln. is prepd from a coal with  
a known amt. of humic acid instead of an alk. soln. of  
humic acid. The method gives good results. A. A. P.

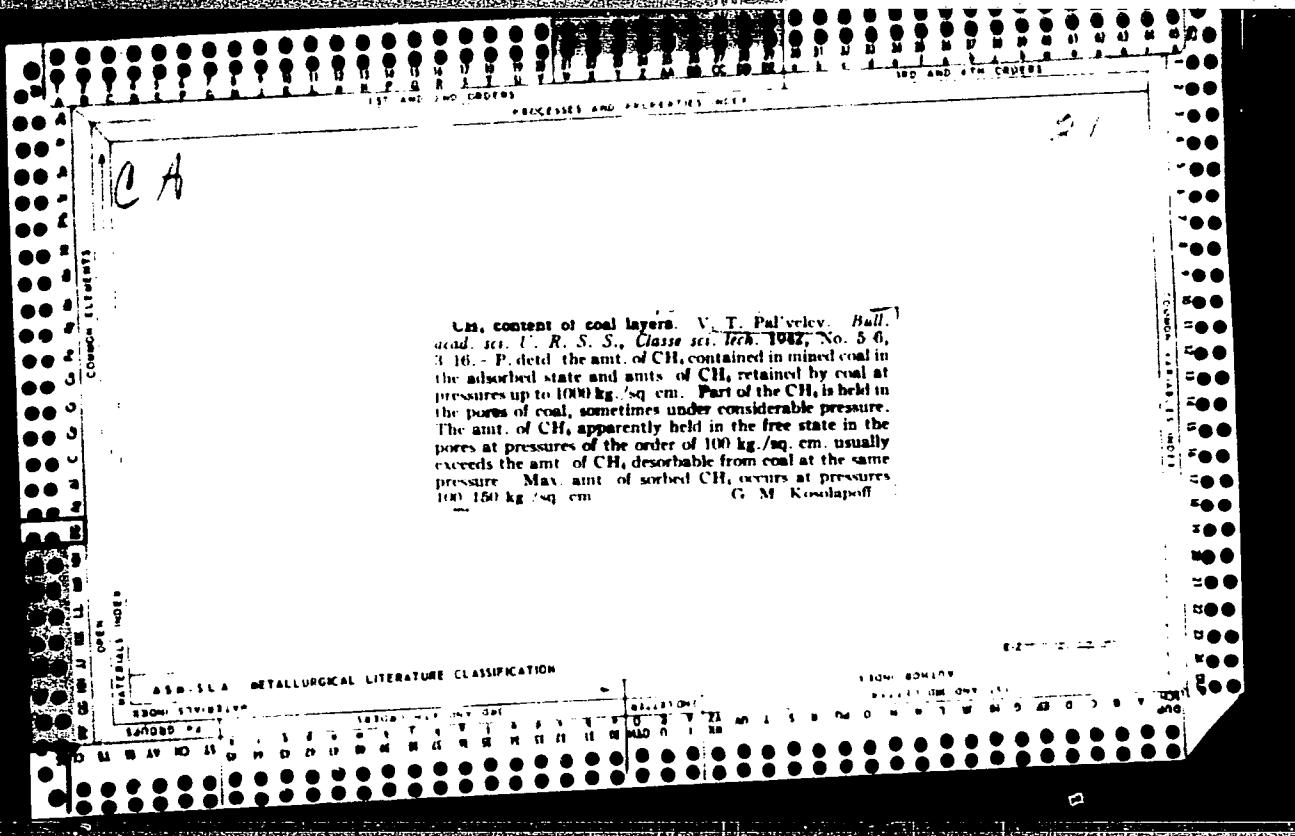
21

Spontaneous heating of coal. V. T. Pal'veev, Khim.  
Tverdogo Teplo 8, 785-93(1937).—Results obtained by  
the Hrdmann method agreed with those of Davis and  
Reynolds (C. A. 22, 3768). Three references.  
A. A. Podgorny

la

ABR 31 A METALLURGICAL LITERATURE CLASSIFICATION





Sorption of methane by Don Basin coals under high pressures. A. I. Pal'velev. Bull. Acad. SSSR, Classe sci. tech., 1955, No. 9 (in Russian). Under atm pressure at 25°, the rate of sorption curves obtained for 24 different coal sorts, after protracted room-temperature outgassing (until completed), were very close, the equal amt. reached after over 100 hrs. of sorption, is roughly 2 cc.  $\text{CH}_4$  g<sup>-1</sup> coal. The equal amt. of free  $\text{CH}_4$  held in the pores of various coal sorts under pressures up to 1000 kg./sq. cm was deduced with very satisfactory agreement in two ways from the difference of total gas content and the sorbed  $\text{CH}_4$ , deduced from the apparent and true specific gr. of the coal, and from the porosity was deduced by desorption on expansion to 1 atm plus the 2 cc.  $\text{CH}_4$  corresponding to atm pressure of the coal and the compressibility of  $\text{CH}_4$ . In the light of discussion of possible sources of error, it follows that from 100 to 150 kg./sq. cm upwards, sorption of  $\text{CH}_4$  remains at a const. max. level independent of further rise of pressure, e.g., at 25°, 75, 150, 300, 600 kg./sq. cm, the amts. of sorbed  $\text{CH}_4$  were 9, 12, 15, 15, 16 cc./g. This refutes the solid-soln. theory of  $\text{CH}_4$  sorption in coal, which requires continuous growth of sorption with pressure and is incompatible with the observed leveling off to a const. value. Continually rising curves can be duplicated but they correspond not to sorbed but to total  $\text{CH}_4$ , i.e., to the sum of sorbed gas and the free gas compressed in the pores. Wrong sorption curves are obtained when the specific gr. of the coal is detd. in a liquid, as is currently done; values thus detd. are always lower, often by 0.2-0.3 g./cc., than the correct values detd. in the air or in the true specific wt. It is also re-

sponsible for reported isotherms showing a max. and subsequent fall of sorption—that  $\text{CH}_4$  is adsorbed, not absorbed, follows from the capacity of establishment of equil., which is reached in a few min. Below 10 kg. per sq. cm., most of the  $\text{CH}_4$  in coal is adsorbed; above 100 kg. per sq. cm., the amt. of compressed free gas exceeds adsorbed gas. Ease of outburst of the gas is dependent upon the porosity of the given coal sort. Linearity of the ratio of pressure to amt. adsorbed plotted against the pressure up to 100 kg. per sq. cm. is consistent with Langmuir's equation.

**APPROVED FOR RELEASE: 06/15/2000**

CIA-RDP86-00513R001238910019-7"

PAL'VELEV, V.T.

USSR/Physics

Adsorption  
High Pressure

Oct 48

"Sorption of Methane by Active Carbon Under High Pressures," V. T. Pal'velev, 3 3/4 pp

"Dok Ak Nauk SSSR" Vol LXII, No 6

Adsorption of methane under pressures up to 1,000 kg/sq cm at 200 C was studied on two samples of active carbon of different structure, true specific gravity of which was determined by helium method, assuming effective diameter of a methane molecule is 5 angstroms and that a monomolecular layer is

60/497103

Oct 48

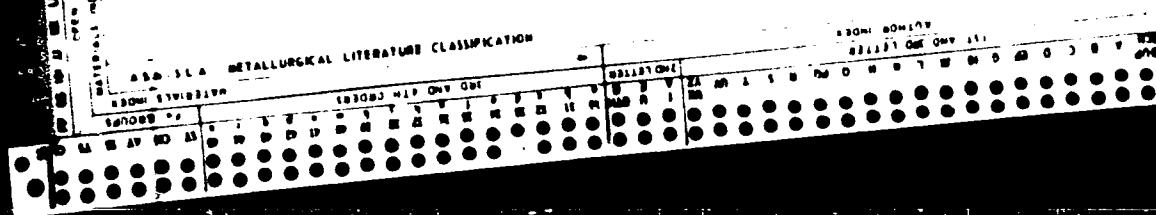
USSR/Physics (Contd)

formed, surface area of pores was calculated to be 572 and 677 sq m gram for two samples, respectively. Langmuir equation is applicable if complete sorption is assumed. Lack of precision in measuring true specific gravity of sorbents is regarded as the principal cause of errors in conventional methods of sorption determination. Submitted by Acad M. M. Dubinin 16 Jul 48.

60/497103

74. INTERACTION OF MOLECULES IN SORPTION LAYER AT HIGH PRESSURES.  
Bulavov, V. T. (Bol'shoy Akad. Naук S.S.R. (Rep. Acad. Sci. U.S.S.R.),  
1919, vol. 63, (60), 875-878).

The author discusses the effect of pressure and temperature on the sorption of methane by coal, a process involving interaction of methane molecules with water in the coal to form a crystalline hydrate  $\text{CH}_4 \cdot 6\text{H}_2\text{O}$ . (L).



PAL'VELEV, V.T.; ANDREECHEVA, L.A.

Method and technology of microchemical analysis of products of  
silicate leaching. Kora vyvetr. no.2:409-416 '56. (MLRA 9:8)  
(Silicates) (Mineralogy, Determinative) (Leaching)

PAL'VELEV, V.T.

Stability of carbonates in regards to the aggressive action of  
water. Kora vyvetr. no.2:349-354 '56. (MLRA 9:8)  
(Carbonates (Mineralogy)) (Weathering)

PALVIK, A. ED.

Problemy teorie a oceli zelezobetonu; sbornik prac prednesenych na celostatnom betonorskom sjazde 24. -27. novembra 1954 v domove vedeckych pracovnikov v Smoleniciach. V Bratislave, Vydavatelstvo Slovenskej akademie vied, 1956. 239 p. [Problems of theory and steel in reinforced concrete; a collection of works presented to the National Concrete Convention held November 24-27, 1954, in the House of Scientific Workers in Smolenice. illus, diagrs., footnotes, graphs, tables.]

S0: Monthly List of East European Acquisitions (EHAL) LC, Vol. 6, no. 10, October 1957. Uncl.

1. U.S. News & World Report, U.S.A.
2. U.S. News (1950)
3. U.S. News
4. U.S. News & World Report, U.S.A.
5. U.S. News & World Report, U.S.A.
6. U.S. News & World Report, U.S.A.
7. U.S. News & World Report, U.S.A.
8. U.S. News & World Report, U.S.A.
9. Monthly List of Russian Accessions, Library of Congress, 1953, 1953. Unclassified.

REMPORT, Zoltan, okl.kohomernok; PALVOLGYI, Arpad, okl.kohomernok

Experiences from the percussion testing of rough sheets.  
Koh lap 94 no.12:541-547 D '61.

PALVOLGYI, Imre

Modernization of rolling mills in Hungary. Műsz elet 17  
no.19:7 13 S '62.

PALVOLGYI, Arpad

"Metal shaping", "Freiberger Forschungshefte", vol.B 61. Reviewed by Arpad Palvolgyi. Koh lap 95 no.8:383 Ag '62.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001238910019-7

PALVÍZGYI, Árpád, okleveles főtanár,

Aspects and possibilities for producing personnel in  
Hungary. Körzeti tanácsadók - Mylitz.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001238910019-7"

PALVOLGYI, Ervin; ZIMMERMANN, Kurt

Standardization plan for building module and dimension co-  
ordination. Szabvany kozl 14 no.6:132-135 Je '62.

RAINFOREST PAPER

Indication of the presence of Japanese in the Soviet Union  
in connection with the Szatvary Kozlak case, no. 3841-4;  
M. T. W.

PALVOIGYI Gy.

HUNG.

34. Square wave analysis of audio frequency amplifiers.

*Hangfesztonás erősítés négyzetes válaszreakcióinak vizsgálata* - Gy. Pálvölgyi (Measuring and Automatic Control - ~~Németország~~ - Vol. 1, 1953, No. 10, pp. 269 - 276, 12 figs.)

This article deals with the basic relations of quantitative analysis with square waves beyond the qualitative treatment generally found in literature. Formulae and graphs are shown through which numerical values may be obtained in respect to some of the properties of audio frequency amplifiers on the basis of the distortion of the examining square wave. A separate section evaluates the bandwidth, frequency response, modulation and transient distortions. Special cases occurring in audio frequency amplifiers (e.g. tendency to oscillate, shock vibrations caused by grid currents etc.) are also mentioned and an explanation is given on how to infer the course of physical phenomena from the oscilograms of square waves transferred through amplifiers.

ALVILGYI, MI.

"Applicability of Non-tariff measures," p. 212 (RADION OR HUN. o... , No. 2, Sept. 1991; Budapest, Hungary.)

o: Monthly List of East European Accessions, (HEAL), Lj, ol. 1, No. 1, April 1995, Uncl..

URGENT, BY.

Applicability of the negative feed-back. p.2d1. 1954. T-1. Ann. India; est  
Vol. 4, No. 1, Oct 1954

SOURCE: East European Accessions List (EEAL) Library of Congress  
Vol. 5, No. 6, June 1956

PALVOLGYI, GY.

Correct focusing of the television receiving set, p. 71, KEP ES  
HANGTECHNIKA, (Optikai es Kinotechnikai Tudomanyos Egyesulet)  
Budapest, Vol. 2, No. 3, June 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 5, No. 11, November 1956

PALVOLGYI, GY.

TECHNOLOGY

KEP ES HANGTECHINIKA.

PALVOLGYI, GY.: Picture mixing in television. p. 163.

Vol. 4, no. 6, Dec. 1958,

Monthly List of East European Acquisition (EEAI) LC Vol. 8, No. 3  
March 1959, Unclass.

REVIEWED, L.

and C. TTF

periodical "Electrical and Electronic Eng.", 1951

Jan. No. 1, p. 1. Electrical methods of measurement. p. 1-2

London: Butterworths International Editions Ltd., 1951, 16 pp.  
22 cm. (1951)

PALVOLGYI, Gy

"The five-channel mixer." p. 5

KEP ES HANGTECHNIKA (Optikai es Kinotechnikai Tudomanyos Egyesulet)  
Budapest, Hungary, Vol. 5, No. 1, Feb. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 6, No. 6, June 1959  
Uncl.

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PALVOLGYI, Gyula

A five-channelled picture mixer. Kep hang 5 no.1:8-11 P '54.

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CIA-RDP86-00513R001238910019-7"

PALVOLGYI, Gyula

Equipment of the Budapest television studio. Muszaki kozl MTA 26  
no.1/4:129 '60. (EEAI 9:10)

1. Mechanikai Laboratorium, Hiradastechnikai Kiserleti Vallalat.  
(Hungary--Television)

BOD, Peter, dr., a matematikai tudomanyok kandidatusa; PALVOLGYI,  
Istvan, dr.

Reducing the time of stays of railroad wagons at metallurgical  
plants. Kozl tud sz 12 no.8:355-364 Ag '62.

1. Magyar Tudomanyos Akademia Matematikai Kutato Intezetenek  
tudomanyos munkatarsa (for Bod). 2. MAV tanacsos, a Vasuti  
Tudomanyos Kutato Intezet tudomanyos munkatarsa (for Palvolgyi).

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HUVIGYI, Istvan, Mr., MTA tanacsor, főmunkatárs

Metrol for working out technological principles of railroad  
service for metallurgical plants. Kozl tud sz 14 no. 3:1.7-  
126 Mr '64.

• Institute of metallurgy Research Institute, Budapest.

MORY, Laszlo, dr.; PALVOLGYI, Janos, dr.

Some questions relating to the contracts of the planned economy.  
Epites szemle 5 no.6:164-168 '61.

1. Epitesugyi Miniszterium Elnoki es Jogi Fosztalyanak foeladoja.

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See original file for additional information (e.g., date, file number, subject, etc.).

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CIA-RDP86-00513R001238910019-7"

L-45068-55

ACCESSION NR: AP5014280

HU/0021/64/000/006/0359/0362

*G  
B*

AUTHOR: Palvolgyi, R. (Palvel'di, R.) (Doctor)

TITLE: Device to facilitate the interpretation of radiograms of the skull

SOURCE: Magyar radiologia, no. 6, 1964, 359-362

TOPIC TAGS: radiology, brain

ABSTRACT: (Author's Hungarian summary modified) A special plastic graph sheet is described which can be used successfully for the evaluation of roentgenograms of the skull especially in cases of skull asymmetries. Only one figure.

ASSOCIATION: Budapesti Orvostudomanyi Egyetem Neurologiai Klinikaja  
(Neurological Clinic, Medical University of Budapest)

SUBMITTED: 00

ENCL: 00

SUB CODE: LS, NP

NO REF Sov: 000

OTHER: 000

JPRS

Card 1/1 *ll*

NEUROLOGY

HUNGARY

PALVOLGYI, Richard, Dr, HERNADY, Tibor, Dr; Medical University of Budapest, Radiological Clinic (director: ZSEBOK, Zoltan, Dr, professor) (Budapesti Orvostudomanyi Egyetem, Radiologiai Klinika).

"The Technique of Gamma Encephalography and Its Place in Neurological Diagnostics."

Budapest, Idegenygyaszati Szemle, Vol XIX, No 4, Apr 66, pages 117-125.

Abstract: [Authors' Hungarian summary] Following an introductory paragraph on general physical considerations, the technique of GEG, using  $^{131}\text{I}$ -labelled serum albumin (RISA), is described. A discussion of the advantages and limitations of the method is followed by a description of those cases in which reliable information can be expected from a GEG examination. 2 Hungarian, 12 Western references.

PALVOLGYI, Richard, dr.

Oscillometric studies on the superficial temporal artery. Orv. hetil.  
102 no.13:587-590 26 Mr '61.

1. Budapesti Orvostudomanyi Egyetem, Neurologiai Klinika.

(HEAD blood supply)

HUNGARY

PALVOLGYI, Richard, Dr; Radiology Clinic of Budapest Medical University,  
(director: Prof Dr Zoltan ZSEBOK)

"A New Method for Making Roentgenograms of the Cervical Foramen and the  
Smaller Lumbar Articulations"

Budapest, Magyar Radiologia, Vol 18, No 3, Jun 66, pp 175-177

Abstract [authors Russian, English and German summaries, modified]: A new  
method, using a single film, is described. With the patient lying on his  
back, the X-ray tube is rotated 45 degrees. In this manner bilateral roentgeno-  
grams are obtained of the cervical foramen and of the smaller lumbar articu-  
lations, on the same film. No references.

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HUNGARY

PALVOLGYI, Richard, Dr., AMBROZY, Gyorgy, Medical University of Budapest, Radiological Clinic (director: ZSFOK, Zoltan, Dr., professor) and Neurological Clinic (director: HORANYI, Bela, Dr., professor) (Budapesti Orvostudomanyi Egyetem, Radiológiai Klinika és Neurologiai Klinika).

"A New Method of Evaluation of Roentgenograms by Carotid Angiography and by Pneumo-Encephalography."

Budapest, Műszaki Könyvek, Vol XIX, No 1, Feb '72, pages 29-35.

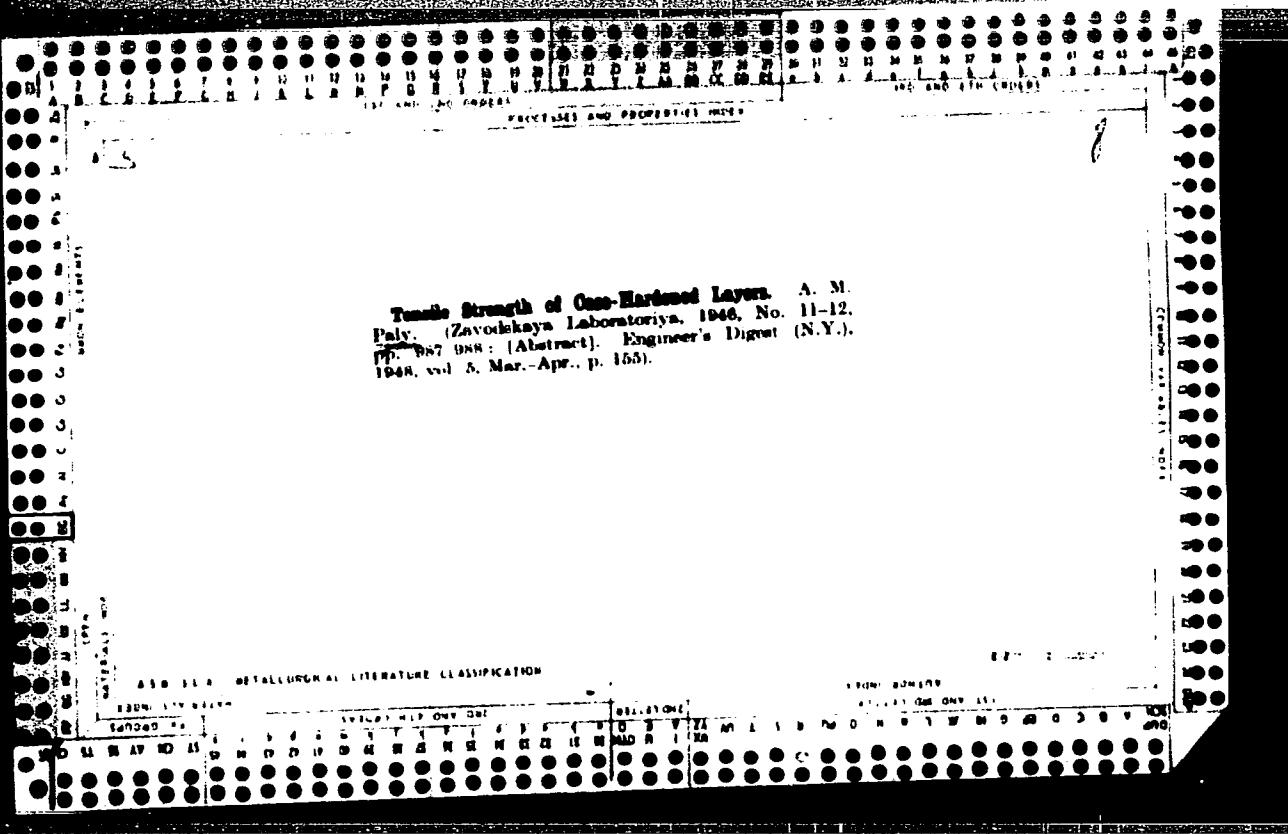
Abstract: [Authors' English summary modified] The use of a supplementary apparatus, constructed by Palvolgyi, is described especially in connection with the evaluation of roentgenograms obtained by carotid angiography and by means of pneumo-encephalography. 2 Western references.

1/1

HALVORSON, J.

Halvorson, J. - "The Committee for Justice, Democracy and Human Rights in Central America," Truth Project, 14 October 1991, Vol. 1, No. 1, p. 1-2.

S.A. U-4355, 14 August '93, 'Leto' is 'Zhurnal "Bykhovatsey", No. 1, 1993.'



PALY, O.M. (Leningrad)

"The post-buckling behaviour of elastic-plastic cylindrical shells"

Report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow 29 Jan - 5 Feb 64.

PALYAV V. P. P.

Palyav, V. P." A supplement to the wood-branwood file of the Items II, Annex  
Trudy Almat. zos. zap vedimy, Issur 7, 1971, p. 103-5

SC: U-93, 19 Oct 53, (Let. to Lashurni L'nykh Street, N.Y. No. 1424).

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PALYAKVA, M. V.

5706. PALKAKVA, M. V. Mekhanizatsiya Ochistki i Pogruzki Zerna Na Tokat'. (Opyt Kolkhozov Valk. Rayona Khar'k Obl.) Khar'kov, Kn.-Gaz. izd.; 1953. 11 s. s III.  
20sm (Khar'k. Obl. Upr. Sel'skogo Khozyaystva i Zagotovok. Upr. s.-kh. Propagandy. B-ka Peredovogo Opyta). 2.000 Ekz. Bespl.—Na Ukr. Yaz.—(55-1302) 633.1:631.36  
(47.714) 631.362

SC: Knizhennaya, Letopis, Vol. 1. 1955

PALYAN, A.H. P.

Engineer, Wrote on Leminakar Hydroelectric Power plant Lenirakan, Armenia, 19-

S VIFT'S OC: P: ABROTAK MICHASK YE TRECILIC, NO. 9, 1946, ARMENIA. ACTED IN  
USAF "TREASURE ISLAND", CIV. FILE IN LIA "T-7" OF 12-27-77, AND C. 1977, 1978.  
REPORT NO. 11039-110740. (SECRET//LES)

PALYAN, Kh. R. (Eng.)

Wrote about Hydrotechnical Construct ...

Soviet Source: P: Gidrotekhnicheskoye Stroitel'stvo, No. 4, 194 - Moscow.  
Abstracted in USAF "Treasure Island", on file in Library of Congress, Air Information  
Division, Report No. 310527. Unclassified

PRESS, S.A., professor [redaktor]; YUMATOV, A.A., inshener (Kronshtadt); PALYAN,  
Kh.R., dotsent, kandidat tekhnicheskikh nauk; ROZANOV, S.P., professor  
(Moscow) [reviewers].

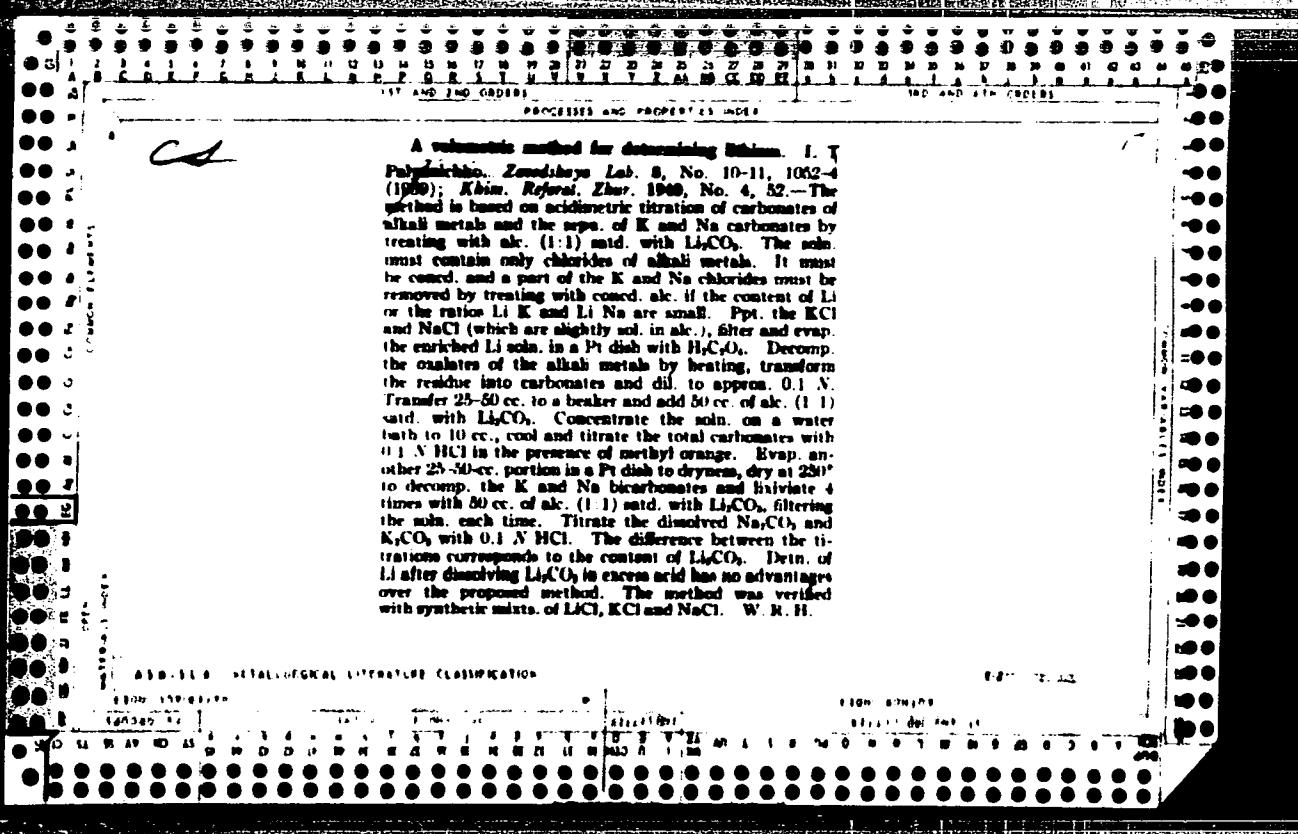
Discussing the book "General electrical engineering," edited by S.A.Press.  
Reviewed by A.A.Yumatov, Kh.R.Palian, S.P.Rozanov. Elektrichestvo no.11:81-  
84 N '53. (MLRA 6:10)

1. Armyanskij sel'skokhozyaystvennyy institut (for Palyan).  
(Electric engineering)

KAUFMAN, V.P.; KAZAROV, A.V.; KERIMOV, I.M.; PAL'YAN, S.A.

Economic effectiveness of the mechanization of underground well repair operations. Ser.nauch.-tekhn.inform. Azerb.inst.nauch.-tekhn.inform.Ser.neft.prom. no.1:79-87 '63.

(MIRA 18:8)



PALYANITSA, V.N. (Kolomyya, Stanislavskoy obl., ul. Khmel'nitskogo, d.22);  
RAPORT, G.L.

Thrombosis of the bifurcation of the aorta. Nov.khr.arkh. no.5:  
108-110 S-O '59.  
(MIRA 13:3)

1. Khirurgicheskoye otdeleniye (zaveduyushchiy - V.N. Palyanitsa) i  
prozektura Kolomyyskoy gorodskoy bol'nitsy, Stanislavskoy oblasti.  
(AORTA--DISEASES) (THROMBOSIS)

PAL'YANOV, P.P.

Single-block vibrator for eliminating breakdowns in well drilling.  
Razved. i ekh.nedr. 20 no.6:26-31 N-D '54. (MLRA 9:2)  
(Boring)

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PAGE ONE

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APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001238910019-7"

PAL'YANOV, P.P.

Results of using vibrators for repairing well-drilling accidents. Razved. i okh.nedr 20 no.1:56-57 Ja-P '54.

(MLRA 9:12)

(Boring machinery)

PAL'YANOV, P.F.

Self-orienting whipstock for well deflection. Razved.i okh.nedr  
21 no.6:56-57 N-D '55.  
(MLRA 9:12)

(Boring machinery)

14(5)

SCV/132-59-8-7/19

AUTHOR: Pal'yanov, P.F.

TITLE: Measuring the Speed of Drilling by the Hydro-Dynamic Method

PERIODICAL: Razvedka i okhrana nedr, 1959, Nr 8, pp 21-25  
(USSR)

ABSTRACT: The author describes a device for a constant check of the drilling speed during test core-drilling operations. The device consists of a cylinder with a hollow plunger (Figures 1 and 2) inside it. The cylinder is fixed on the rotator of the drilling rig, and the plunger is connected by a cantilever with the crosshead of the rig, and moves up and down with it. The cylinder is filled with a special liquid, and the working of the device is based on the difference in the pressure under which the liquid from the cylinder is driven into the plunger through an opening in the bottom of the plunger. The faster the plunger moves down, the larger is

Card 1/2

SCV/132 59-8-5/18

Measuring the Speed of Drilling by the Hydro-Dynamic Method

the difference in the pressure inside and outside of the plunger, measured by a manometer. The scale of the manometer is marked in units of drilling speed in cm/minute. The device can be used with core-drilling rigs ZIF-65C A, ZIF-120C A, B-7, or BS-120C. The author recommends the use of a 1/6 solution bichromate, or spindle oil, as a filling liquid in summer and transformer oil in winter. The device was successfully tested by geological prospecting parties of the trust Veroshilovgradnigogeologiya (Veroshilovgradnigogeologiya Trust). There are 3 diagrams, 1 table and 2 Soviet references.

ASSOCIATION. Dnepropetrovskiy gornyy institut (Dnepropetrovsk Mining Institute)

Card 2/2

PAL'YANOV, P.F.

Vibrator resonance in the prevention of accidents in wells.  
Razved. i okh. nedr 27 no.2:43-46 F '61. (MIRA 14:5)

1. Dnepropetrovskiy gornyy institut.  
(Core drilling) (Vibrators)

PAL'YANOV, I.F.; SHTEYNBERG, A.M.; Prinimali uchastiye: ZINENKO,  
V.P.; KIRSANOV, A.N.; KULICHIKHIN, N.I., prof., red.

[Drilling holes; for the specialty "Hydrogeology and  
engineering geology" in prospecting and mining institutes  
and departments] Burenie skvazhin; dlia spetsial'nosti  
"Gidrogeologiya i inzhenernaiia geologiiia geologorazvedoch-  
nykh gornykh institutov i fakul'tetov. Moskva, Nedra,  
1964. 354 p.  
(MIRA 17:12)

PAL'YANOV, P.F.; YASOV, V.G.

Increasing the drilling rate and the efficiency of boring  
machinery. Izv. DGI 42:63-68 '64. (Mira 18:11)

PAL'YANOV, Petr Fedorovich; VOSDvizhenskiy, B.I., redaktor; STEPANOVA, L.S.  
redaktor; KRYNOCHINA, I.V., tekhnicheskiy redaktor.

[Vibrators used in exploratory drilling] Vibratory v razvedechnom  
bureni. Moskva, Gos. nauchno-tehn. izd-vo lit-ry po geologii i  
okhrane nedr, 1956. 66 p.  
(Bering) (MLRA 9:6)

PAL'YANTS, T. G.

? / The interrelations between fat and carbohydrate metabolism in pulmonary tuberculosis. T. G. Pal'Yants, Dr. Ilyy Ahdal. Med. Univ. S.S.R. 1954, No. 4, (edit. Rabinov); Report, Zhez. Klin. Biol. Khim., 1955, No. 7(1955). M.D.  
study, was made of patients with dry and moistened dyspnoea. In the dry form of dyspnoea the lowering in the blood sugar is accompanied by a rise in the lactic acid, and in the moistened form both the sugar and the lactic acid are lowered. In both types the sugar (acetone + acetone-acid) ratio in the blood is reversed. Changes in the normal state in blood are paralleled by changes in the blood changes.  
D. N. Yarosh

PAL'YANTS, T.G., assistent

Case of myeloid disease. Med.zhur.Uzb. no.7:63-64 Jl '58.  
(MIRA 13:6)

1. Iz gospital'noy terapeuticheskoy kliniki lechebnogo fakul'-  
teta (zav. - chlen-korrespondent AMN SSSR Z.I. Umidova) Tash-  
kentskogo gosudarstvennogo meditsinskogo instituta.  
(MARROW--DISEASES)

145219-02

ACCESSION NR: AP5008336

S/0115/65/000/001/0035/0036

AUTHOR: Kochan, V. A.; Lakh, V. I.; Palyanytsya, I. F.; Protsevyat, M. M.

TITLE: Automatic low-temperature recorder

SOURCE: Izmeritel'naya tekhnika, no. 1, 1965, 35-36

TOPIC TAGS: recorder, low temperature recorder

ABSTRACT: Shortcomings are discussed of the conventional bridge circuits for measuring low resistance (fraction of ohm) when such circuits are applied for measuring the resistance of a platinum thermometer (in the 90-10K range). The a-c compensator circuit is proposed for measuring such temperatures because the instrument reading is independent of the supply-voltage variation and leads resistance. Successful testing of the new low-temperature measuring instrument, consisting of an automatic recording a-c compensator and a platinum resistor, is reported. Orig. art. has: 3 figures and 3 formulas.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: GP, IE

NO REF SOV: 005

OTHER: 000

Card 1/1